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HushHush Recruiter



Software Architecture and Flowchart

Presented by

PSANatics (Group 1)

Date

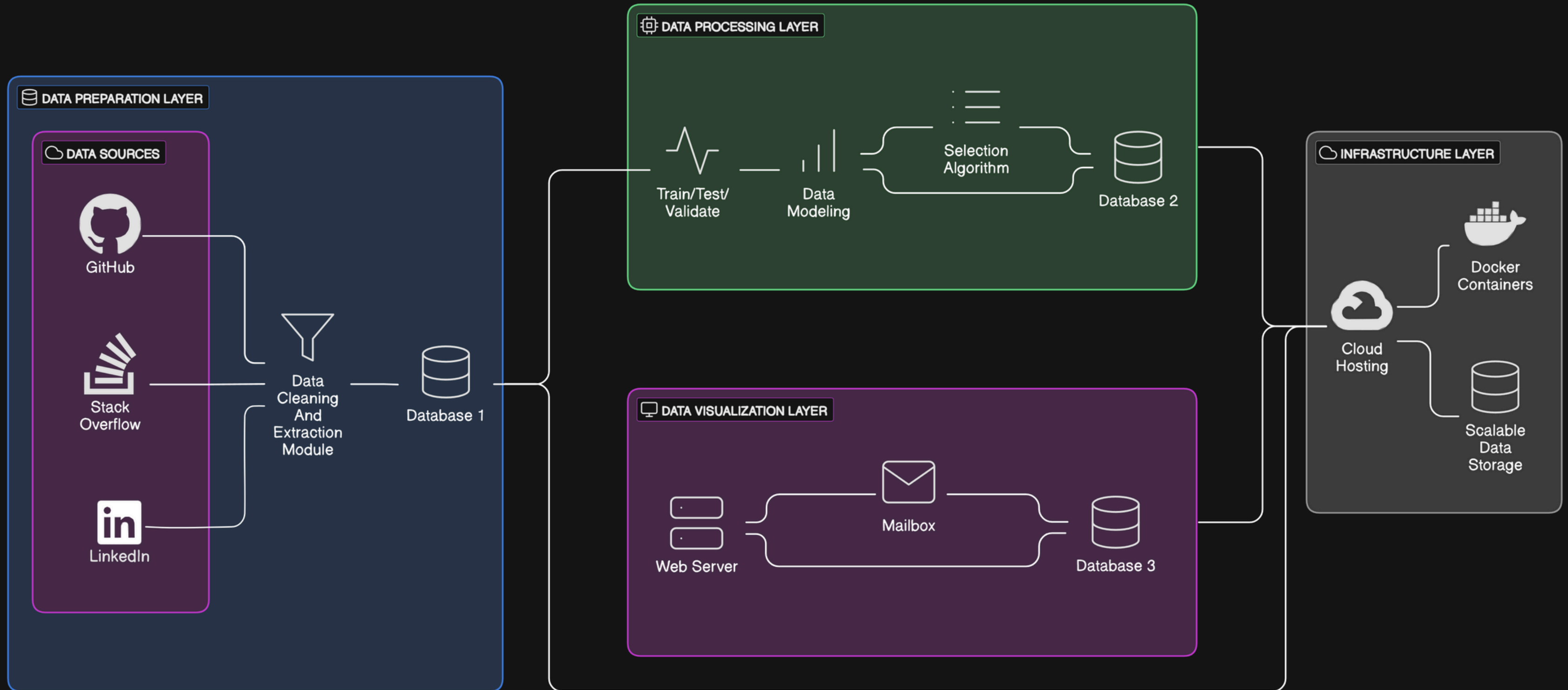
10 February, 2025

Introduction

HushHush Recruiter, developed under Doodle.Inc, tackles the challenges of modern recruitment. We aim to simplify complex workflows, empower better decision-making, and ultimately save HR teams valuable time and resources. We achieve this through a robust system of data collection, advanced processing techniques, and cutting-edge AI-driven evaluations.

- **Architecture Preview: Highlighting key components and data sources.**
- **Data Flow Roadmap: Tracing data from collection to actionable insights.**

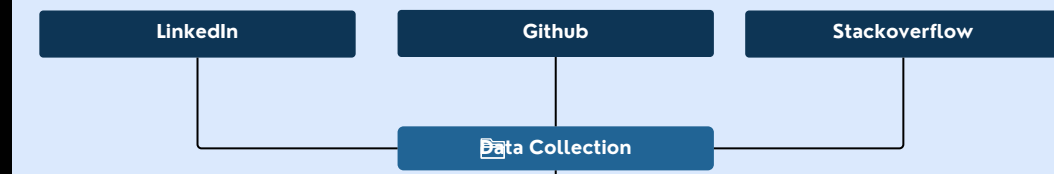
Architecture Diagram



Flowchart

- Start: Data Collection (LinkedIn, GitHub, Stack Overflow)
- Process:
 - Data Cleaning & Enrichment
 - Model Training & Evaluation (AI Models)
 - Candidate Ranking and Categorization
- Storage: Secure Data Storage
- Output: User-Friendly Dashboards (HR Teams & Recruiters)
- End: Actionable Insights

Extraction



Storage

Storage 1

Enhancement

Data Cleaning

Data Enrichment

Storage

Storage 1

Model Training

Model 1

Model 2

Model N

Storage

Storage 2

Model Evaluation

Model Evaluation

Storage

Storage 2

Dashboard (Manager)

Webserver

Mailbox

Mailbox

Candidate Selection

Storage(Questionnaire)

Webserver(Candidate Screening)

Webserver (Evaluation)

Dashboard (Manager)

Webserver (Recruiter)

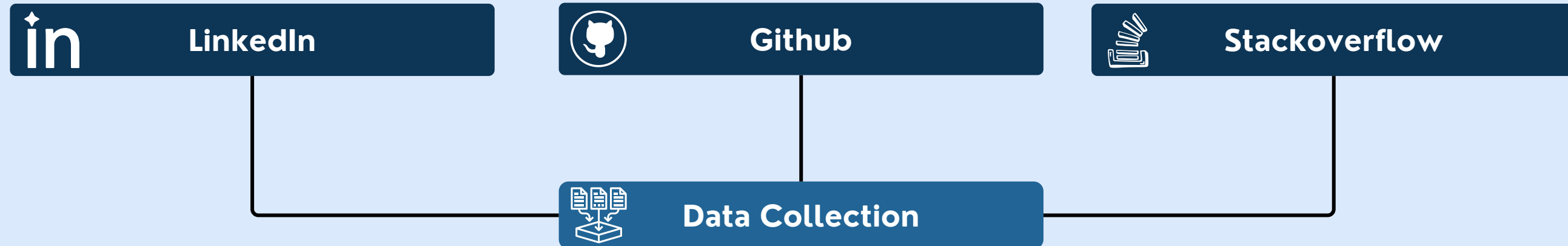
Dashboard (HR)

Webserver (HR Page)

Webserver (Results)

Data Extraction

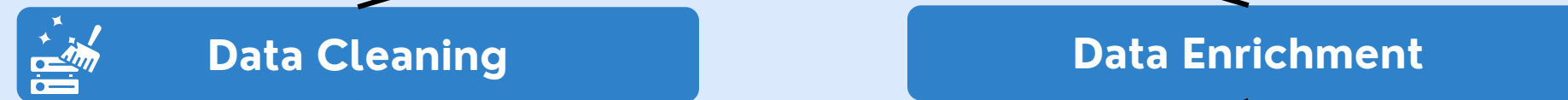
Extraction



Storage



Enhancement

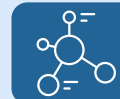


Storage



Data Processing

Model Training



Model 1



Model 2



Model N

Storage



Storage 2

Model Evaluation



Model Evaluation

Storage



Storage 2

Data Visualisation

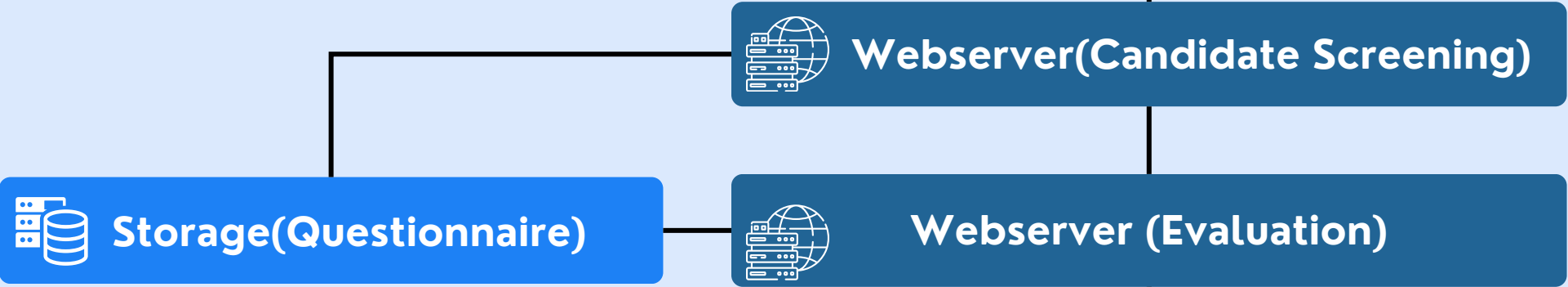
Dashboard (Manager)



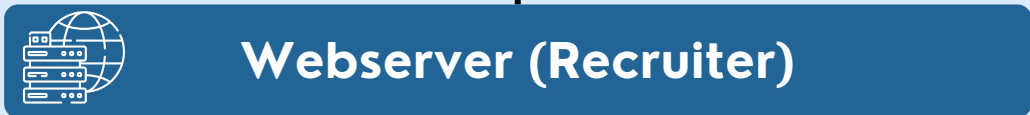
Mailbox



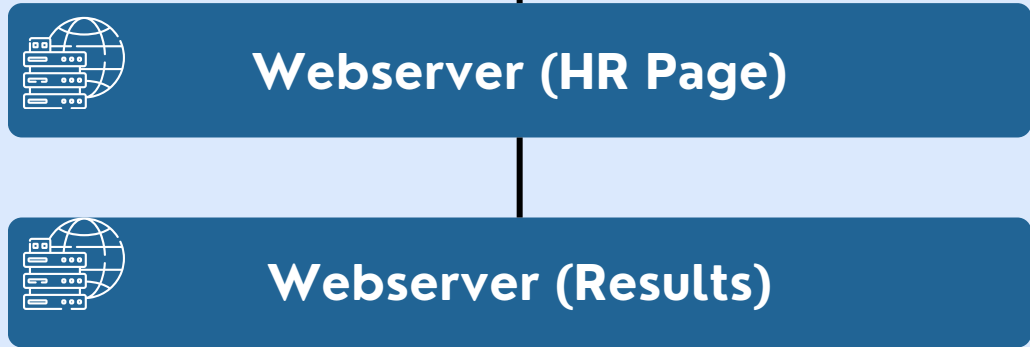
Candidate Selection



Dashboard (Manager)



Dashboard (HR)



References

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THANK YOU